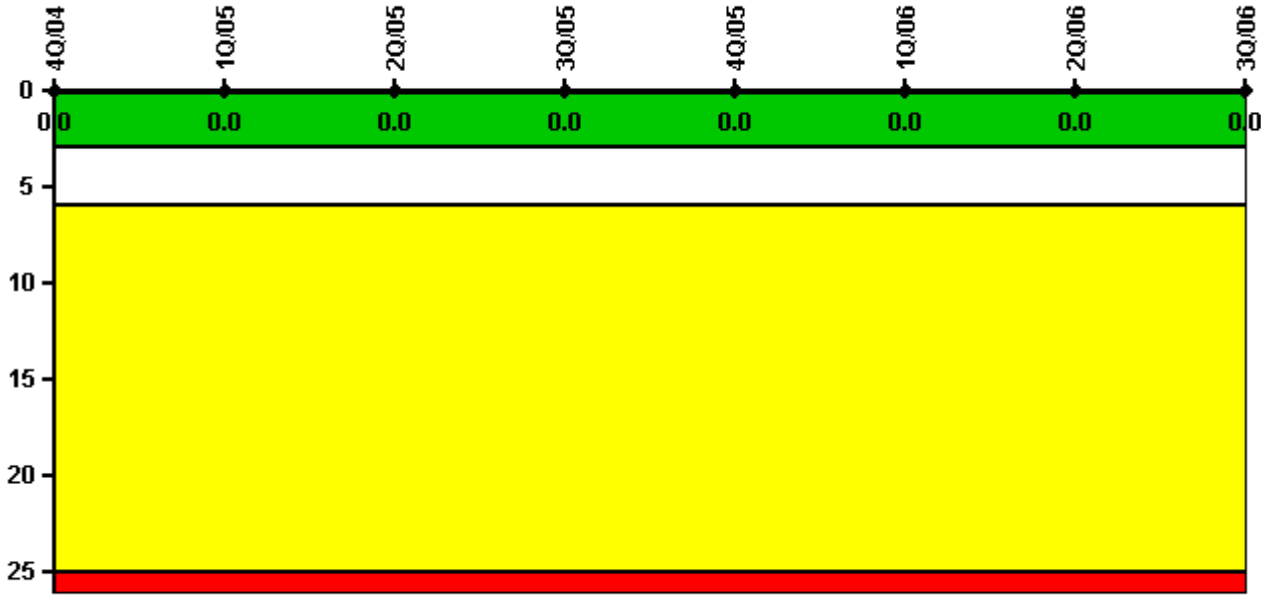


Diablo Canyon 2

3Q/2006 Performance Indicators

Licensee's General Comments: Changes correct several discrepancies in the initial MSPI data entry.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1091.3	2160.0	2183.0	2208.0	2209.0	2160.0	1277.7	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



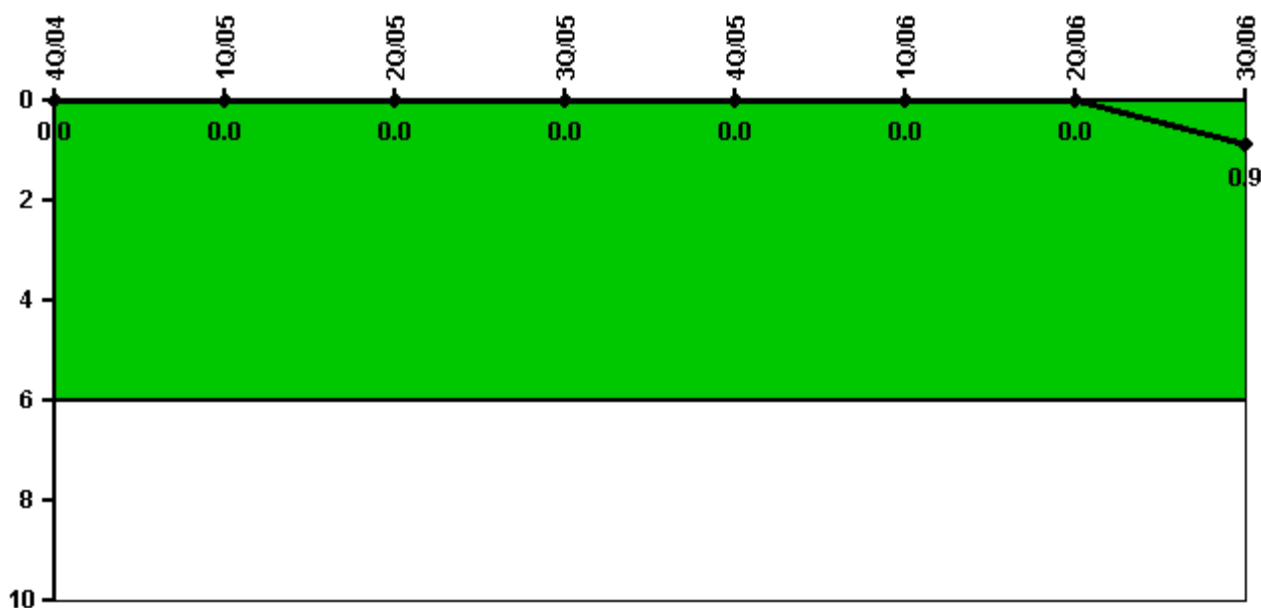
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



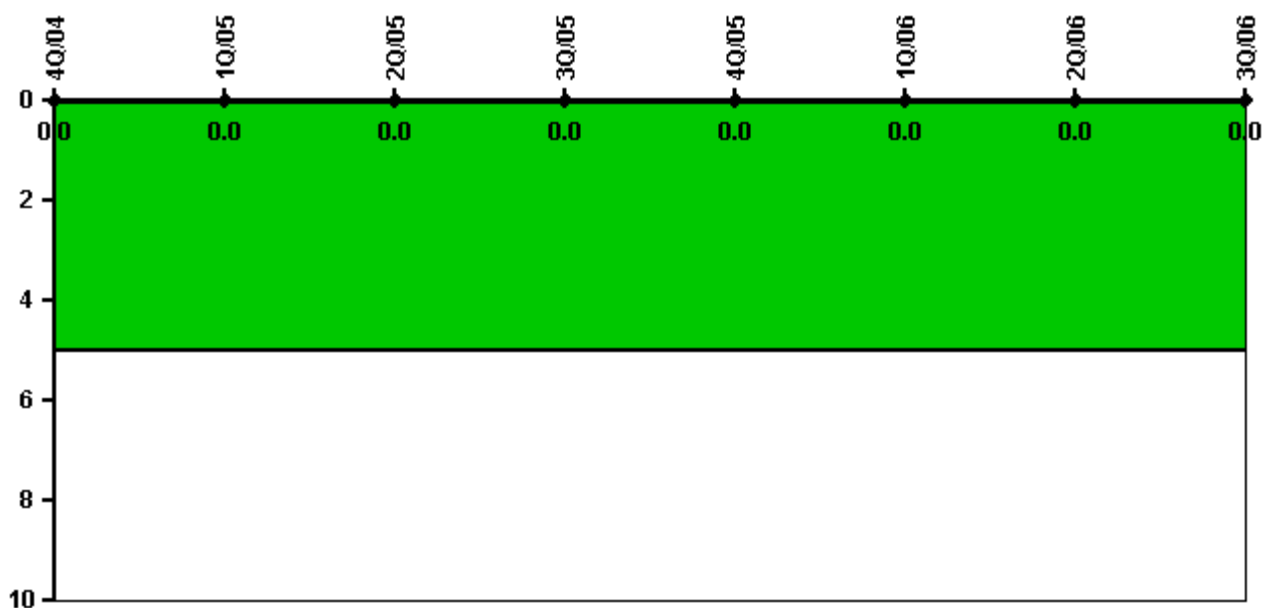
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1091.3	2160.0	2183.0	2208.0	2209.0	2160.0	1277.7	2208.0
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)



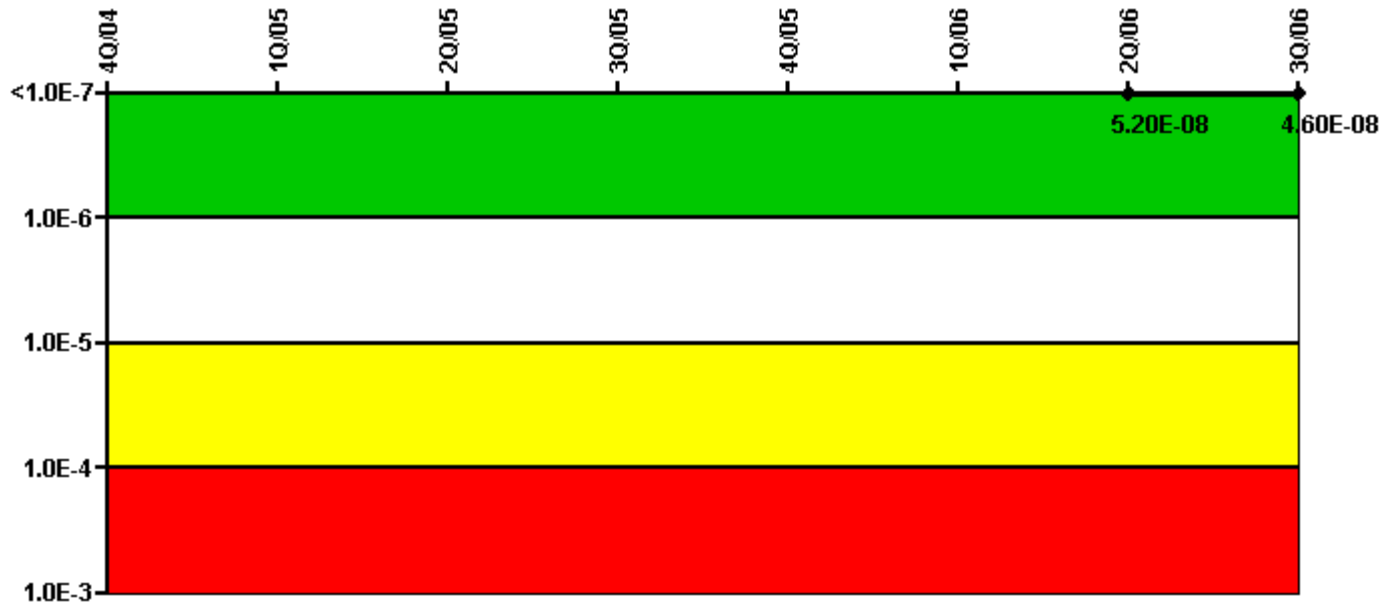
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.50E-08	1.90E-08
URI (ΔCDF)							2.70E-08	2.70E-08
PLE							NO	NO
Indicator value							5.20E-08	4.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

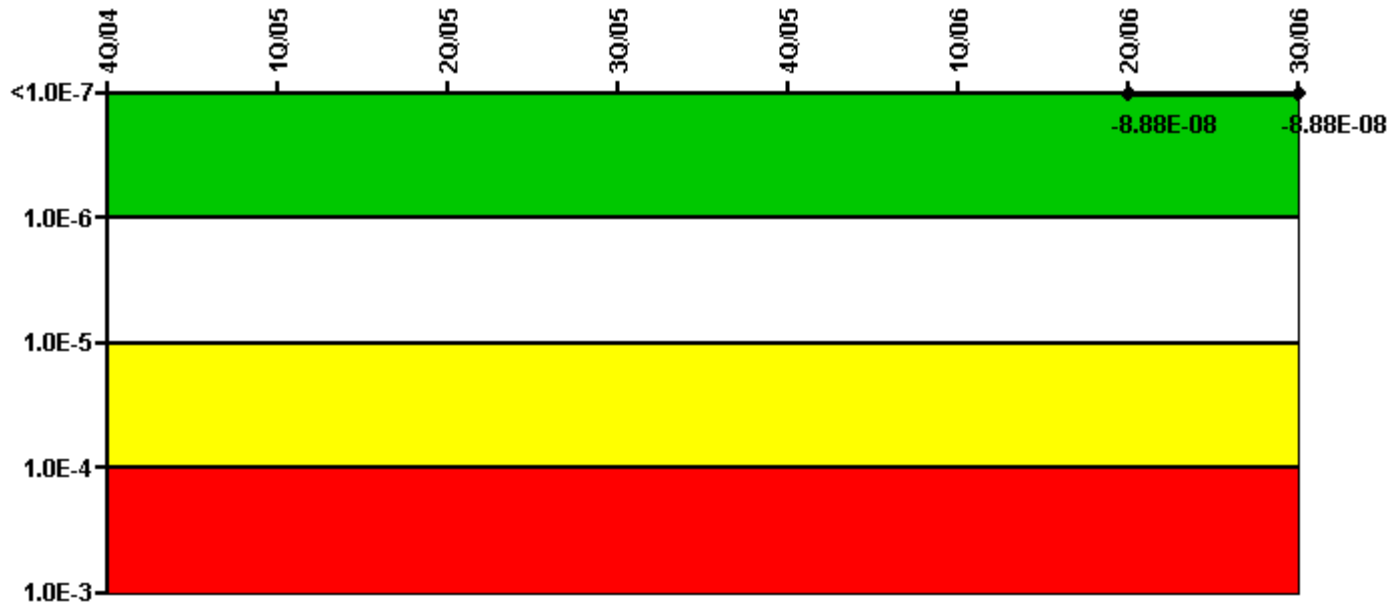
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-2.20E-10	-7.80E-10
URI (Δ CDF)							-1.40E-09	-1.40E-09
PLE							NO	NO
Indicator value							-1.62E-09	-2.18E-09

Licensee Comments:

3Q/06: Prior unavailability data corrected in response to a minor NRC violation.

Mitigating Systems Performance Index, Heat Removal System



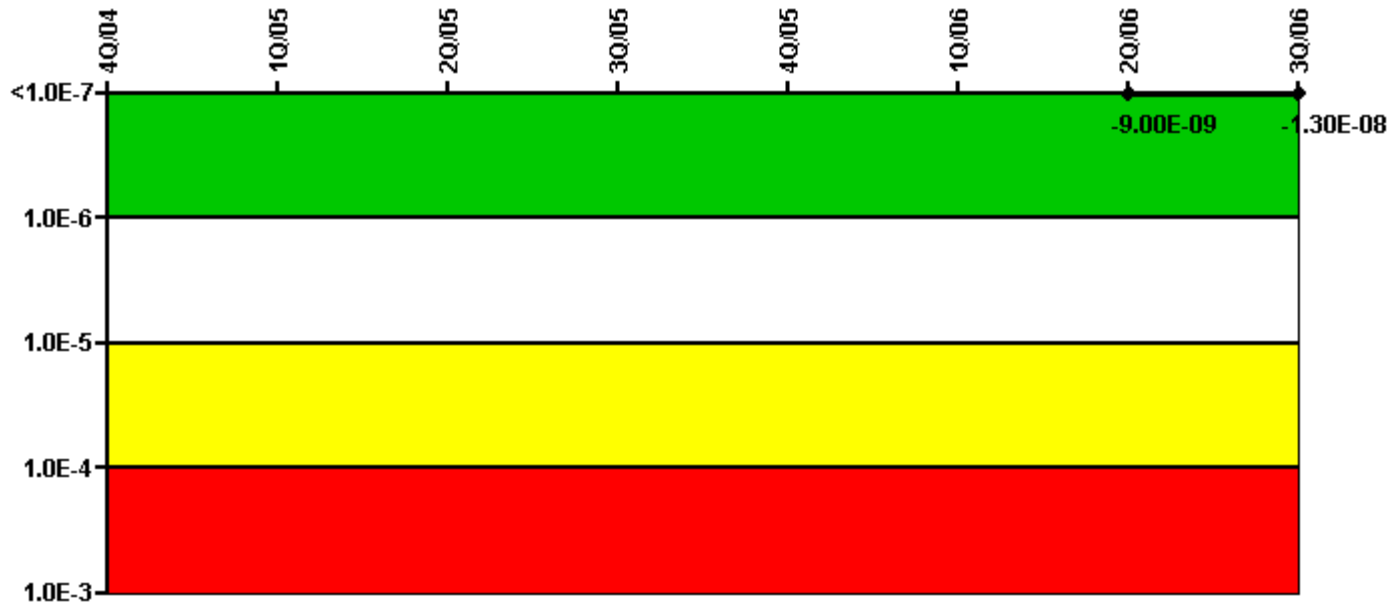
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-4.80E-09	-4.80E-09
URI (Δ CDF)							-8.40E-08	-8.40E-08
PLE							NO	NO
Indicator value							-8.88E-08	-8.88E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



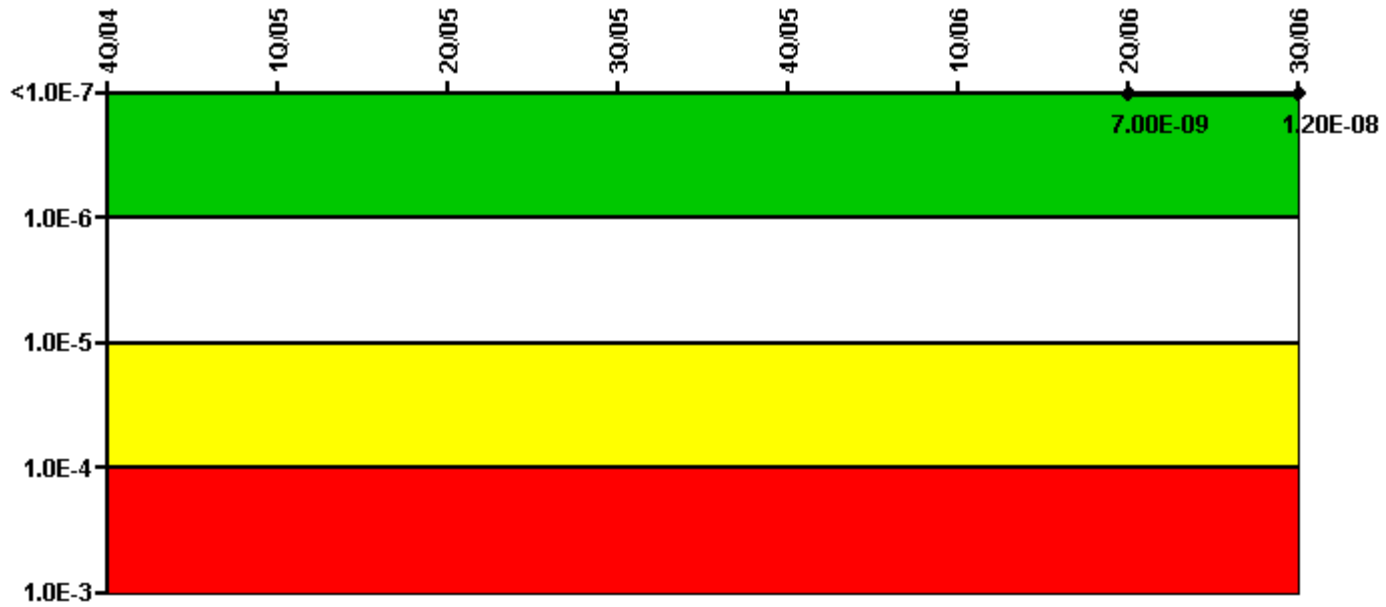
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							1.60E-08	1.20E-08
URI (Δ CDF)							-2.50E-08	-2.50E-08
PLE							NO	NO
Indicator value							-9.00E-09	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

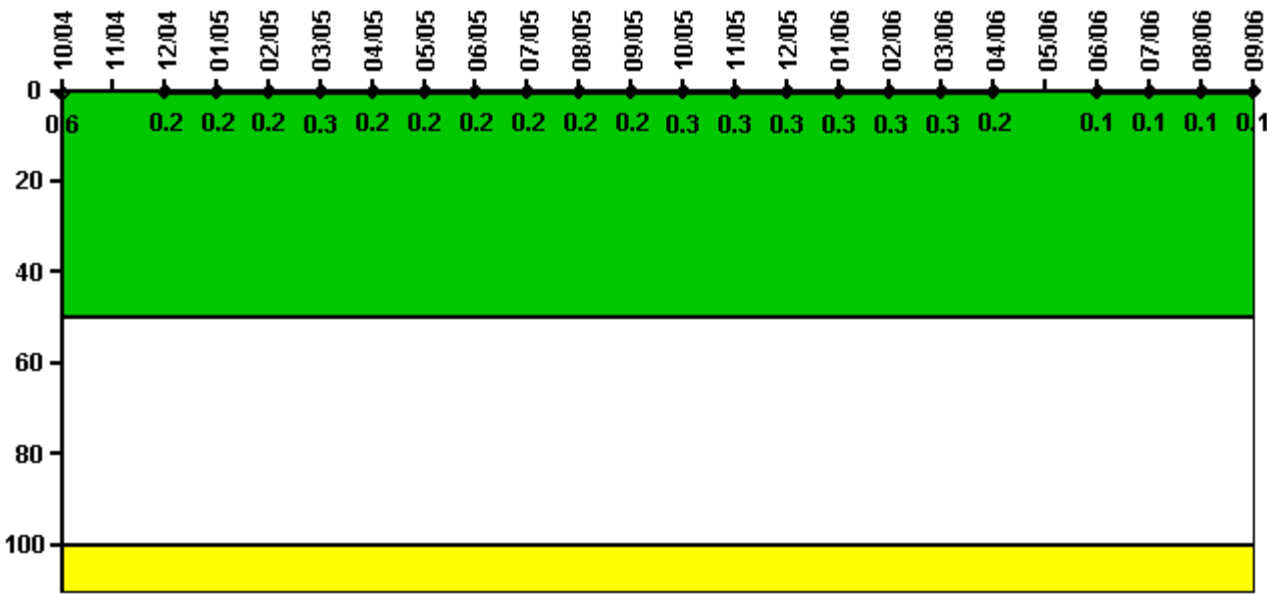
Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							2.20E-08	2.70E-08
URI (Δ CDF)							-1.50E-08	-1.50E-08
PLE							NO	NO
Indicator value							7.00E-09	1.20E-08

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Prior unavailability data corrected in response to a minor NRC violation. Also, a correction of a typo in the baseline data entry impacts prior results.

2Q/06: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

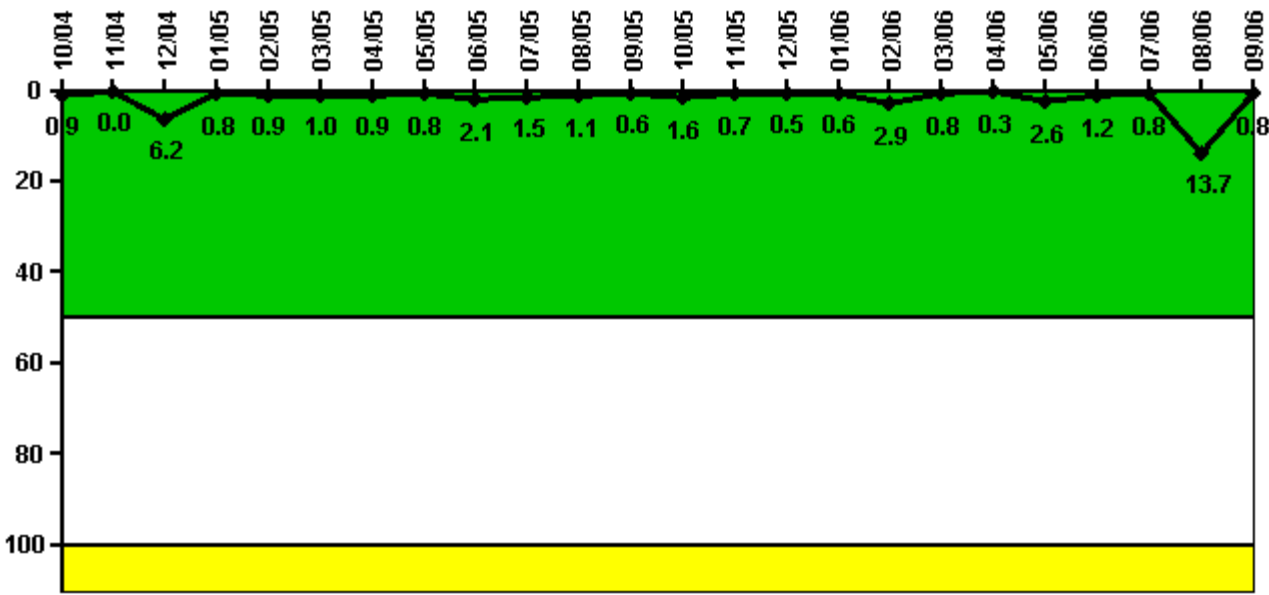
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.005580	N/A	0.001810	0.002140	0.002100	0.002820	0.002210	0.002210	0.002370	0.002360	0.002400	0.002360
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.6	N/A	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.002550	0.002650	0.002820	0.002710	0.003200	0.002810	0.002450	N/A	0.000726	0.000606	0.000659	0.000724
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.2	N/A	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

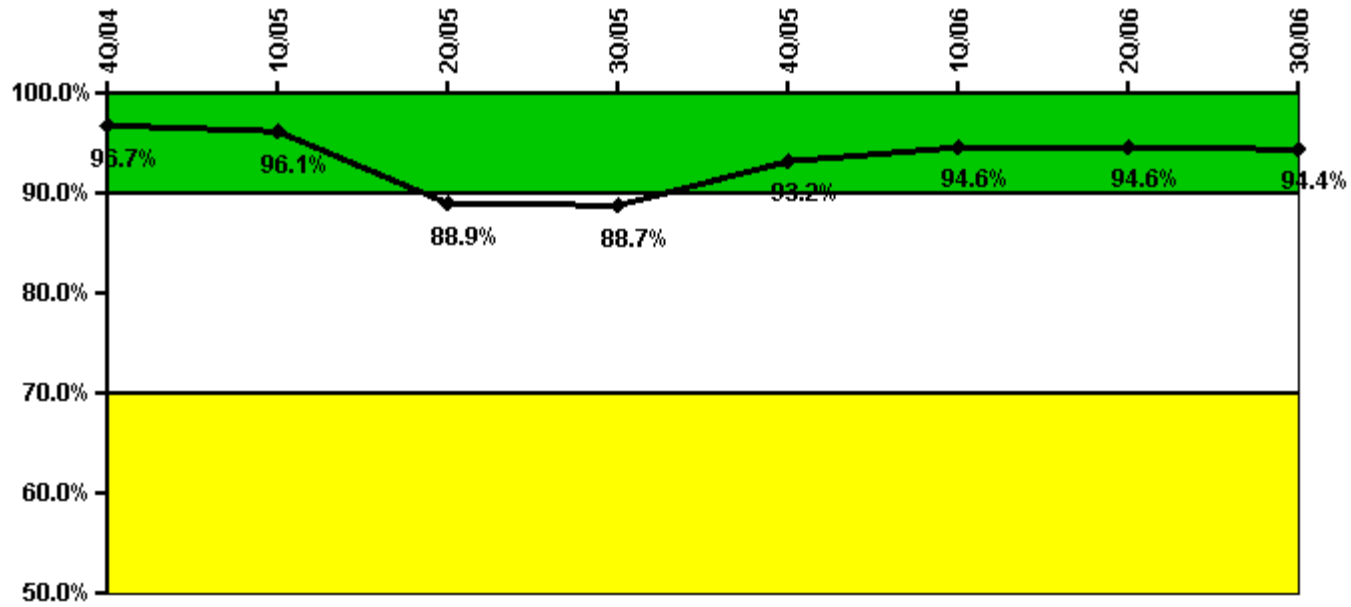
Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.091	0	0.623	0.080	0.088	0.101	0.085	0.079	0.208	0.152	0.105	0.060
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0	6.2	0.8	0.9	1.0	0.9	0.8	2.1	1.5	1.1	0.6

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.155	0.068	0.052	0.055	0.287	0.084	0.033	0.260	0.118	0.081	1.369	0.081
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	0.7	0.5	0.6	2.9	0.8	0.3	2.6	1.2	0.8	13.7	0.8

Licensee Comments:

9/06: On August 31, 2006, operators initiated an unplanned ramp of reactor power due to detection of a 1 to 2 gpm unidentified reactor coolant system leak. At 73% power, the leak was determined to be from a thimble tube. The leak was subsequently isolated and the unit returned to full power. NRC Event # 42822

Drill/Exercise Performance



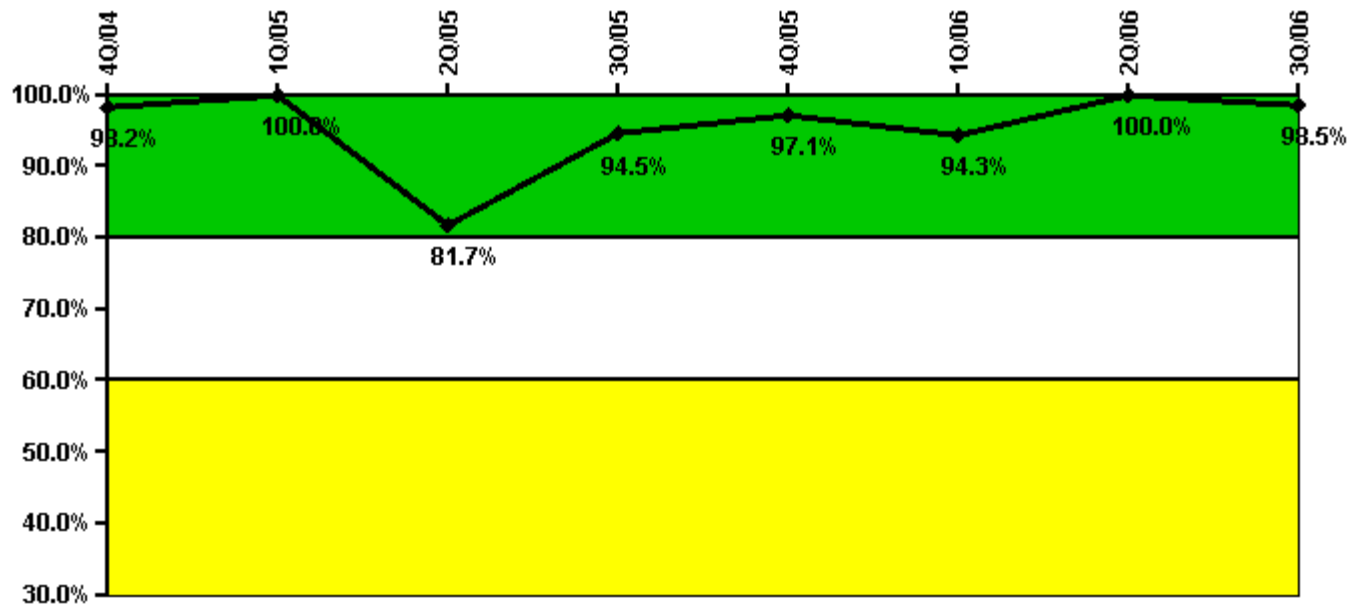
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	11.0	0	22.0	144.0	247.0	236.0	15.0	18.0
Total opportunities	12.0	0	33.0	162.0	250.0	241.0	16.0	20.0
Indicator value	96.7%	96.1%	88.9%	88.7%	93.2%	94.6%	94.6%	94.4%

Licensee Comments: none

ERO Drill Participation



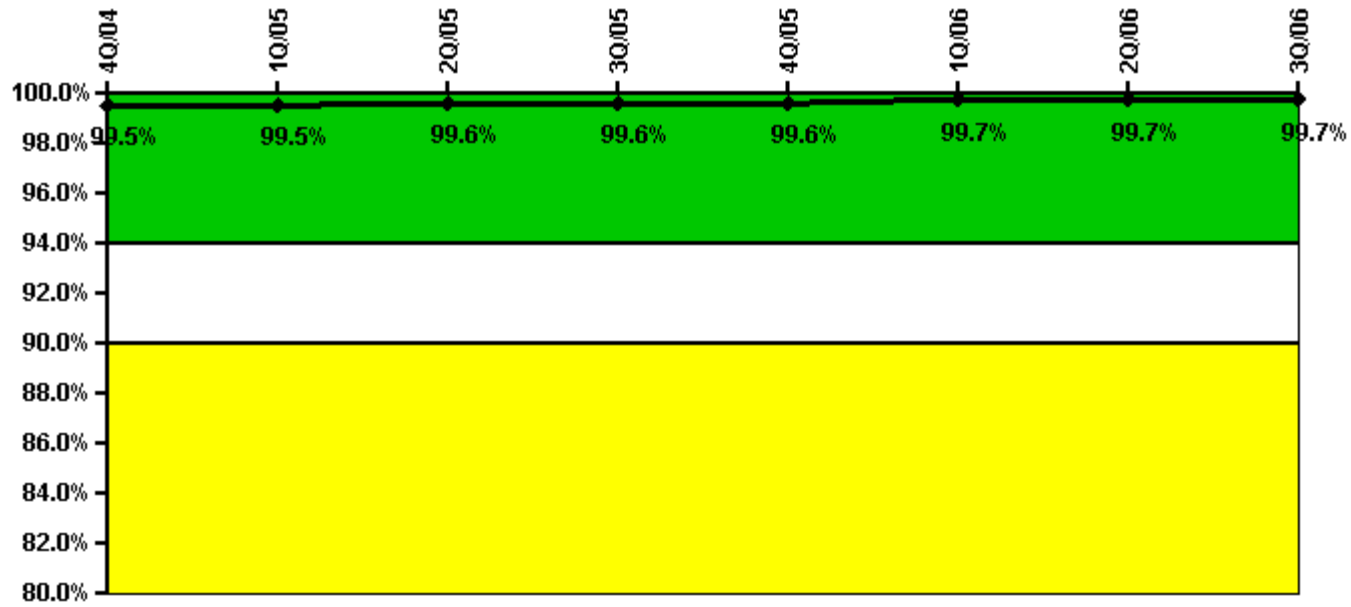
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	55.0	52.0	58.0	69.0	68.0	66.0	71.0	66.0
Total Key personnel	56.0	52.0	71.0	73.0	70.0	70.0	71.0	67.0
Indicator value	98.2%	100.0%	81.7%	94.5%	97.1%	94.3%	100.0%	98.5%

Licensee Comments: none

Alert & Notification System



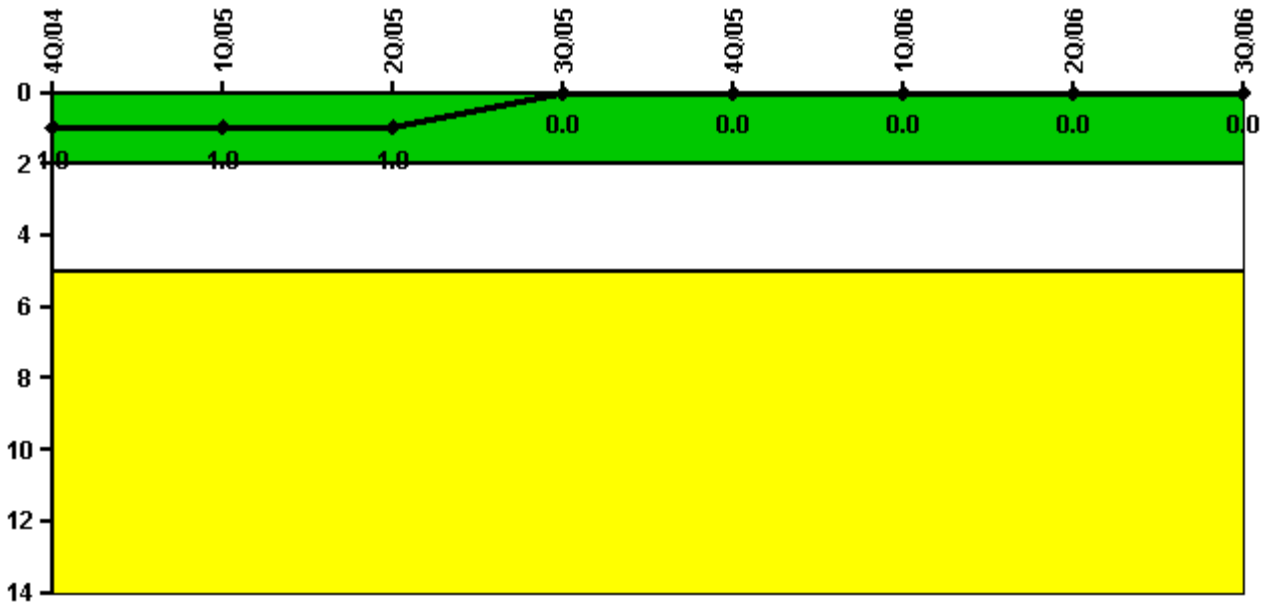
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	911	1043	910	1302	905	1043	916	1307
Total sirens-tests	917	1048	910	1306	911	1045	917	1310
Indicator value	99.5%	99.5%	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



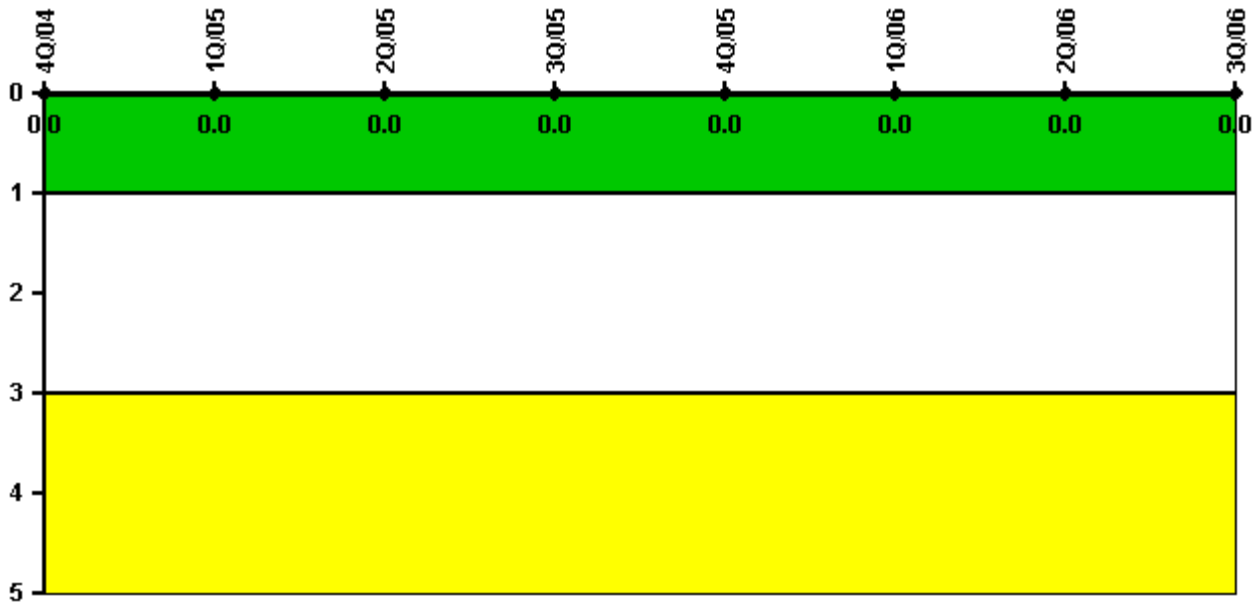
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.